

## REMARKS

The last Office Action of April 9, 2007, has been carefully considered. Reconsideration of the instant application in view of the foregoing amendments and the following remarks is respectfully requested.

Claims 1–11 are pending in the application. Claims 1, 2, 4, 5, 6, 10 and 11 have been amended. No claims have been added or canceled. No amendment to the specification has been made. No fee is due..

Claims 1, 2, 4 and 5 stand objected to due to certain informalities which have been corrected by present amendment.

Claims 1-11 stand rejected under 35 U.S.C. 101 as being directed to non-statutory subject matter. Claim 1, from which claims 2–10 depend, and claim 11 now recite the step of *performing based on the event-relevant information at least one of failure analysis and fault repair of the machine*, which renders claims 1 and 11 statutory. Withdrawal of this rejection is respectfully requested.

Claims 1-7 and 11 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Pat. No. 6,920,502 to Araujo et al.

Claim 1, and similarly claim 11, as amended herein, recite a method for transmitting messages about an alarm event of a machine from an industrial controller controlling the machine to a specified receiver using an Internet-related protocol. The method generates with an alarm indicating system, if a specified alarm event occurs, event-relevant information comprising event messages, fault messages, information about machine status and/or process information, writes the event-relevant information to a database accessible to the specified receiver, and transmits in response to the event-relevant information only a receiver-specific message indicating that the specified alarm event has occurred. The receiver-specific message itself does not include event-relevant information.

The receiver-specific message is received at the specified receiver, and the event-relevant information in the database is accessed from the specified receiver via a cryptographically protected communication protocol based on an

Internet browser. Finally, at least one of failure analysis and fault repair of the machine is performed based on the event-relevant information.

Claim 11 recites a modem connection instead of a web-based protocol.

Araujo discloses methods for implementing an integrated, virtual office user environment, with a service enablement platform (SEP) that continually monitors operational status of itself including its network (LAN and WAN) connections, LAN-connected servers including, for example, each of the hosted office application servers, and/or any group thereof. In the event of a detected fault or failure condition in any monitored entity, the SEP generates a corresponding alarm and reports it, through a web-based connection, to a centralized administrative web site (referred to herein as a "Customer Care Center" (CCC)) to implement remote network monitoring and management functionality. (col. 8, lines 51–60). Alarms are always delivered to these web sites (Col. 38, lines 28–29). The SEP can establish a web connection with site 20 (administrative web site 20 (see FIG. 1)) through which the SEP can report its operational data and/or any alarm condition. (Col. 36, lines 26–29).

However, unlike the present invention, Araujo does not teach or suggest transmitting in response to the event-relevant information only a receiver-specific message indicating that the specified alarm event has occurred, wherein the receiver-specific message itself does not include event-relevant information.

The solution presented to the present invention has the advantage that the receiver-specific message, because it does not include sensitive information affecting the security of the machine, need not be transmitted in encrypted form. Sensitive information can be obtained by the receiver after receipt of the message via a Web browser in an encrypted form.

Araujo's SEP reports alarm conditions to an administrative web site 20, but not to predetermined receivers. Moreover, the reported alarm conditions in Araujo include at least some information describing an alarm condition, which would allow an unauthorized user to draw conclusions about the nature of the reported alarm condition. The alarm message sent to the specified receiver in the present

invention only informs the user of an alarm condition, without specifics, whereafter the user can check the nature of the alarm via an encrypted connection. This feature forms the core of the present invention and clearly distinguishes over the Araujo patent.

The US patent 6,201,996 to Crater, applied against claims 8 and 9, and US published application 2003/0061274 to Lo, applied against claim 10, do not disclose, teach or suggest transmitting in response to the event-relevant information only a receiver-specific message indicating that the specified alarm event has occurred, wherein the receiver-specific message itself does not include event-relevant information, recited in claim 1, and therefore do not remedy the deficiencies of the Araujo patent.

Claims 1 and 11 are therefore patentable over the art of record. Claims 2-10 which depend from claim 1 are then also patentable for at least the reasons that claim 1 is patentable.

In view of the above, each of the presently pending claims in this application is considered patentably differentiated over the prior art of record and believed to be in immediate conditions for allowance. Reconsideration and allowance of the present application are thus respectfully requested.

Should the Examiner consider necessary or desirable any formal changes anywhere in the specification, claims and/or drawing, then it is respectfully requested that such changes be made by Examiner's Amendment, if the Examiner feels this would facilitate passage of the case to issuance. If the Examiner feels that it might be helpful in advancing this case by calling the undersigned, applicant would greatly appreciate such a telephone interview.

Respectfully submitted,

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